

Amendments to the Specification:

Please amend the Specification as follows:

On page 3, paragraph 10, please amend the first sentence as follows:

[10] Demegen, Inc. of Pittsburg, PA owns several peptides which are being developed for medical use. One is D2A21 (FAKKFAKKFKKFAKKFAKFAFAF) (SEQ. ID. No. 57 65) being developed under the trade name DEMEGEL.TM

On page 7, paragraph 28, please amend the last sentence as follows:

Positive controls included non-periodic antimicrobial peptides D2A21 (FAKKFAKKFKKFAKKFAKFAFAF) (Seq. ID. No. 57 65) and D4E1 (FKLRAKIKVRLRAKIKL) (SEQ. ID. No. 58 66).

On page 8, paragraph 30, Table 2, please replace the column labeled SEQ. ID. NO. with the following:

SEQ ID
NO
65
57
58
59
1
2
3
4

On page 9, paragraph 32, Table 3, please replace the column labeled SEQ. ID. NO. with the following:

SEQ ID
NO
65
66

57
58
59
1
2
3
4
5
9
10
11
12
13
14
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On page 11, paragraph 38, Table 4, please replace the column labeled SEQ. ID. NO. with the following:

SEQ ID NO
65
66
57
58
59
1
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12
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14
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On page 15, paragraph 51, Table 6, please replace the column labeled SEQ. ID. NO. with the following:

SEQ ID NO
5
6
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61
23
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Amendment dated January 17, 2006
Reply to Office Action of August 15, 2005

51
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Please insert the substituted sequence listing after the specification and before the claims. The substituted sequence listing contains 21 pages.